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#14

drawings
2-4-03

PATENT

J. White

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

Michel Koopmans

Serial No.: 09/960,089

Filed: September 21, 2001

For: BUMPING TECHNOLOGY IN
STACKED DIE CONFIGURATIONS

Examiner: Unknown

Group Art Unit: 2811

Attorney Docket No.: 4882US (01-0229)

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Person making Deposit: Orlena Howell

LETTER TO THE CHIEF DRAFTSMAN

Box Amendment - Non Fee
Commissioner for Patents
Washington, D.C. 20231

Sir:

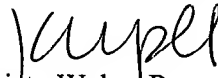
Applicant submits herewith revised FIGS. 2, 4, and 6-15 which correct errors in the drawings. Specifically, FIG. 2 has been revised to add up and down arrows to reference numeral 48 on the left hand side and lines extending horizontally left to indicate height, it has also been revised to add the reference numeral 42 with appropriate lead line, to delete reference numeral 74 with lead line, and to delete the second occurrence of reference numeral 28 along with lead line on the right side; FIG. 4 has been revised to more accurately depict the metal trace 450; FIG. 6 has been revised to add horizontal lines and arrows on the left hand side to indicate height, and to delete reference numeral 646 with lead line; FIG. 7 has been revised to add horizontal lines and arrows on the left hand side to indicate height, to delete reference numeral 746 with lead line and

change the reference numeral 772 to 746; FIG. 8 has been revised add horizontal lines and arrows on the right hand side to indicate height and to adjust the lead line for reference numeral 820; FIG. 9 has been revised to add horizontal lines and arrows on the left hand side to indicate height, and to adjust the lead lines for reference numerals 936 and 968; FIG. 10 has been revised to change reference numeral 926' to 924' and adjust the lead line for reference numeral 924'; FIG. 11 has been revised to add the reference numeral 1026 with appropriate lead line, to add horizontal lines and arrows on the right hand side to indicate height and to adjust the lead lines for reference numerals 1022, 1040, and 1020; FIG. 12 has been revised to change reference numeral 932 to 936; FIG. 13 has been revised to add reference numerals 921", 926", and 952", to change reference numeral 936" on the right hand side to 937"; FIG. 14 has been revised to add reference numerals 924''' and 926'''; and FIG. 15 has been revised to add reference numeral 1572 with appropriate lead line and adjust the lead line for reference numeral 1544.

Attached is a copy of the drawings with the proposed changes marked in red.

No new matter has been added. Approval of the proposed revisions is respectfully requested.

Respectfully submitted,



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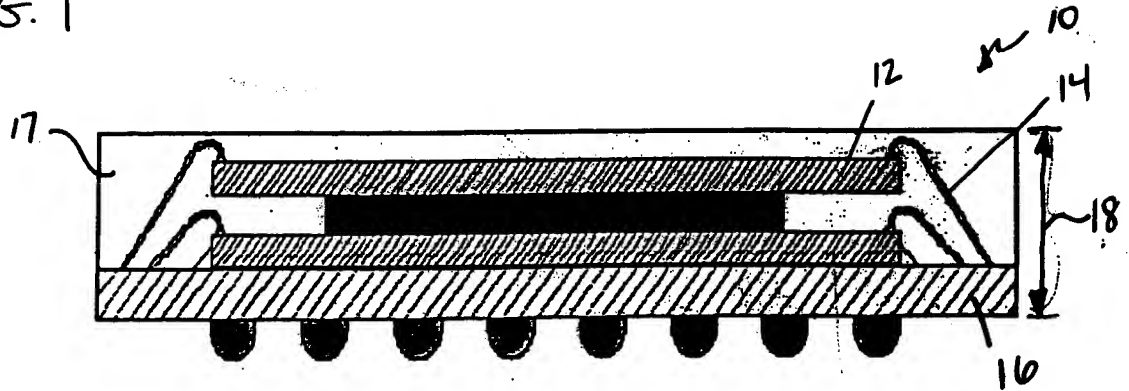
Date: November 20, 2001

KWP/df/dlm

Enclosures: Drawings with changes marked in red

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FIG. 1



PRIOR ART

FIG. 2

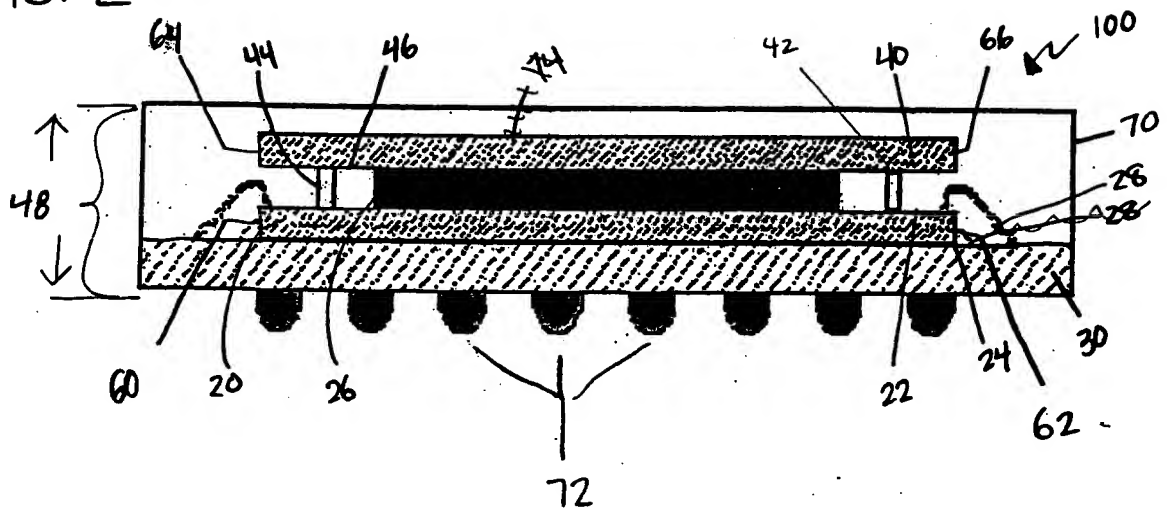


FIG. 3

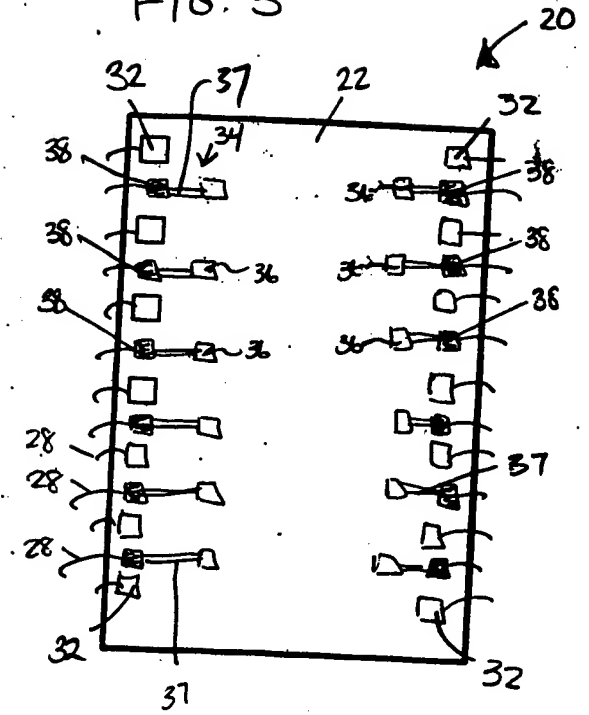


FIG. 12

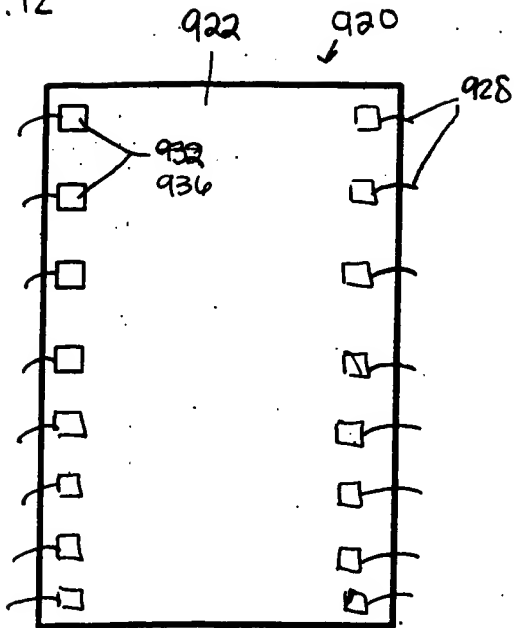


FIG. 4

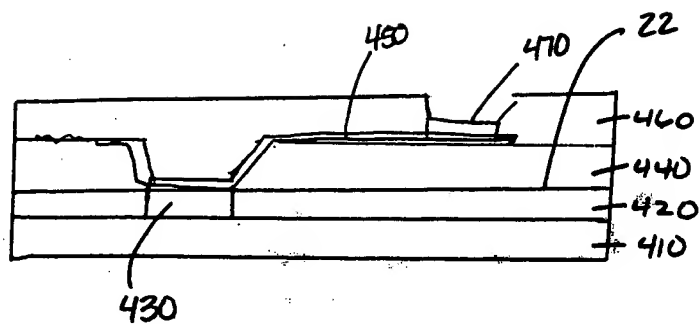
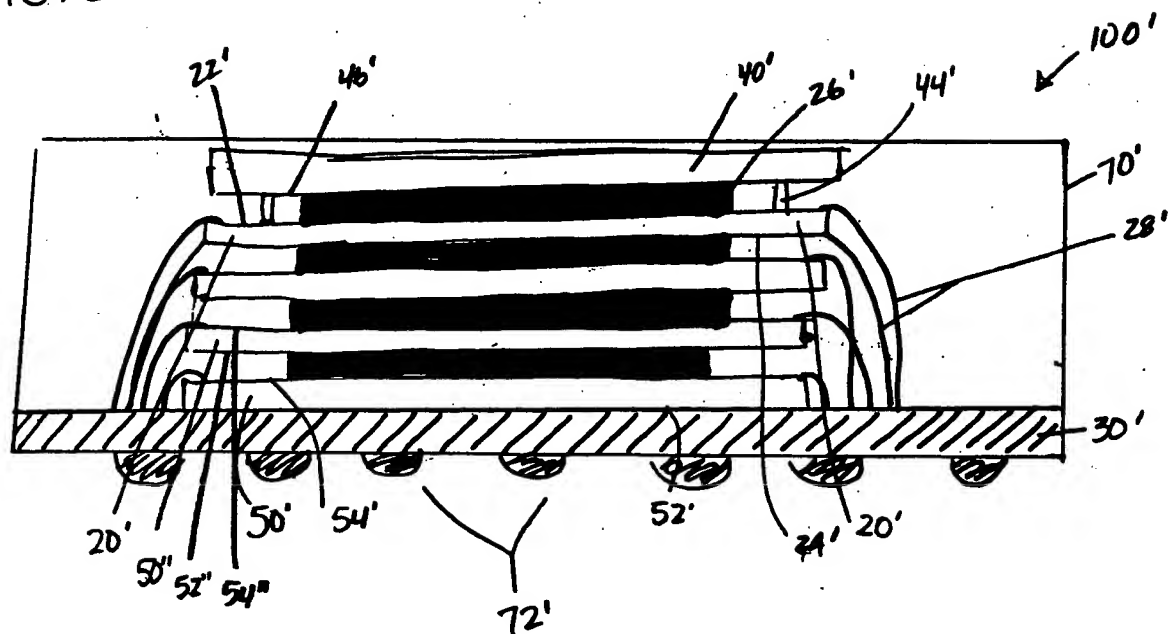
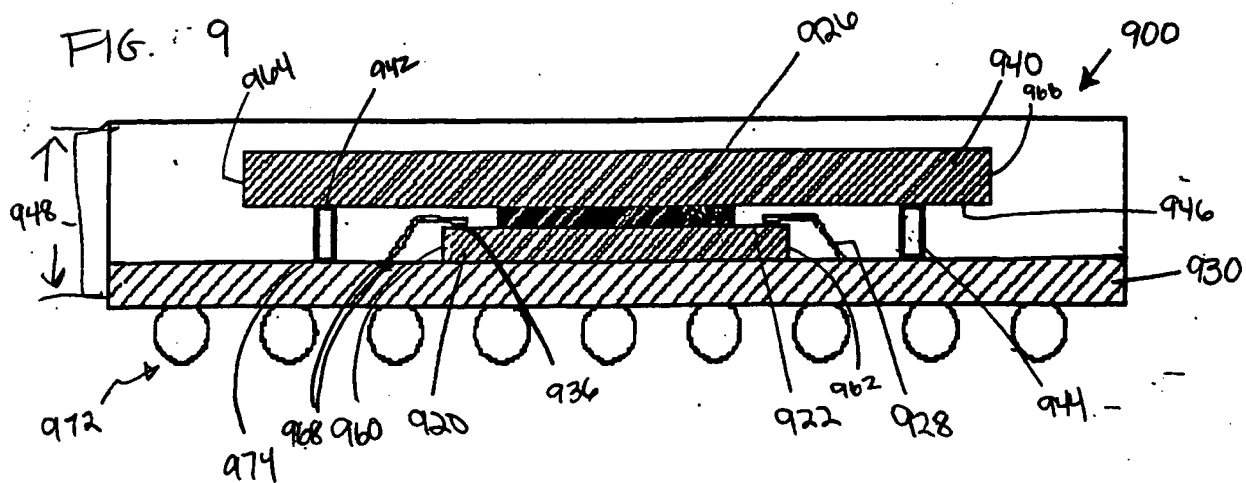
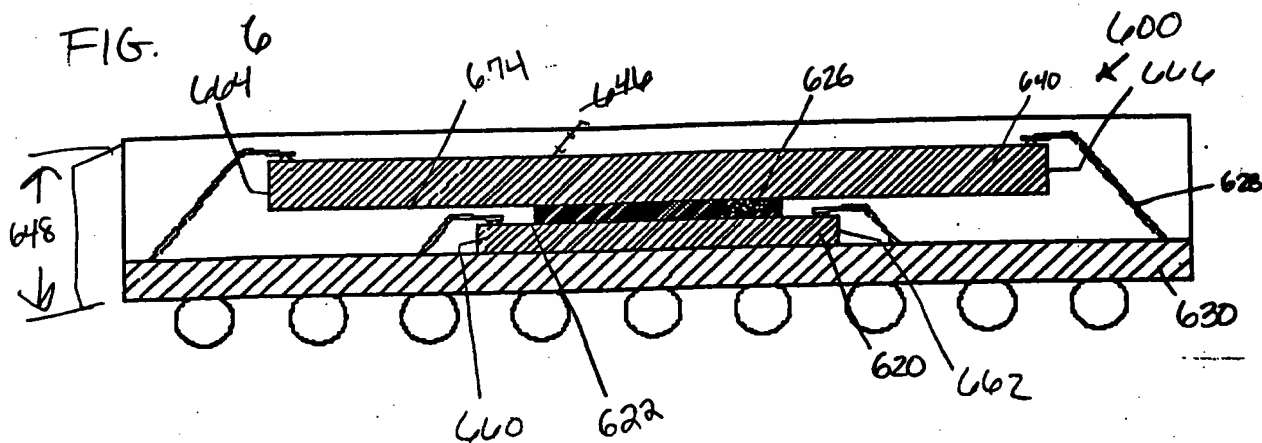


FIG. 5





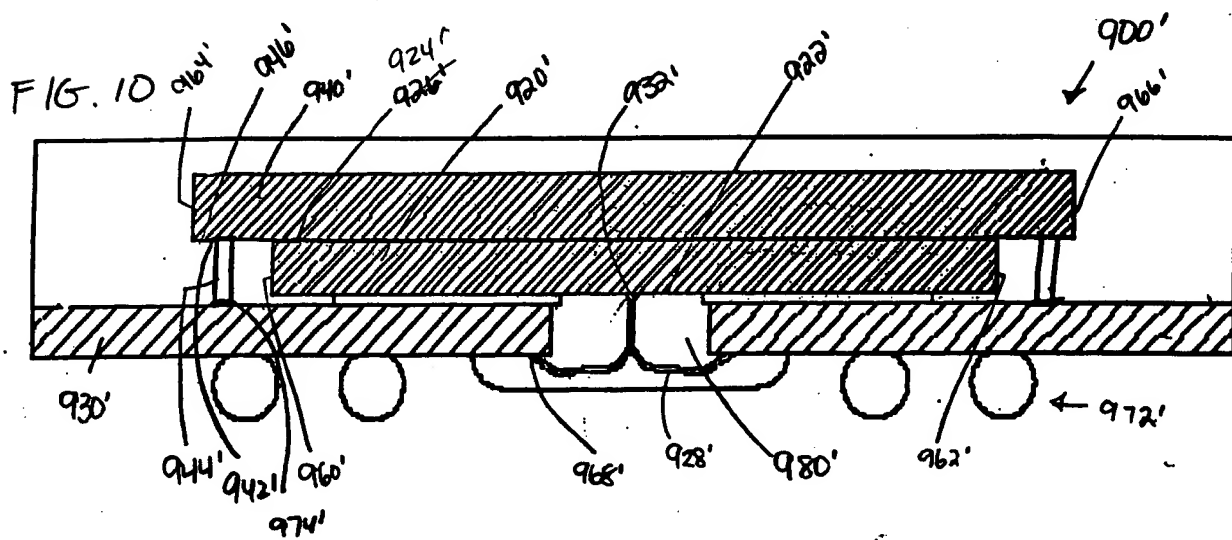
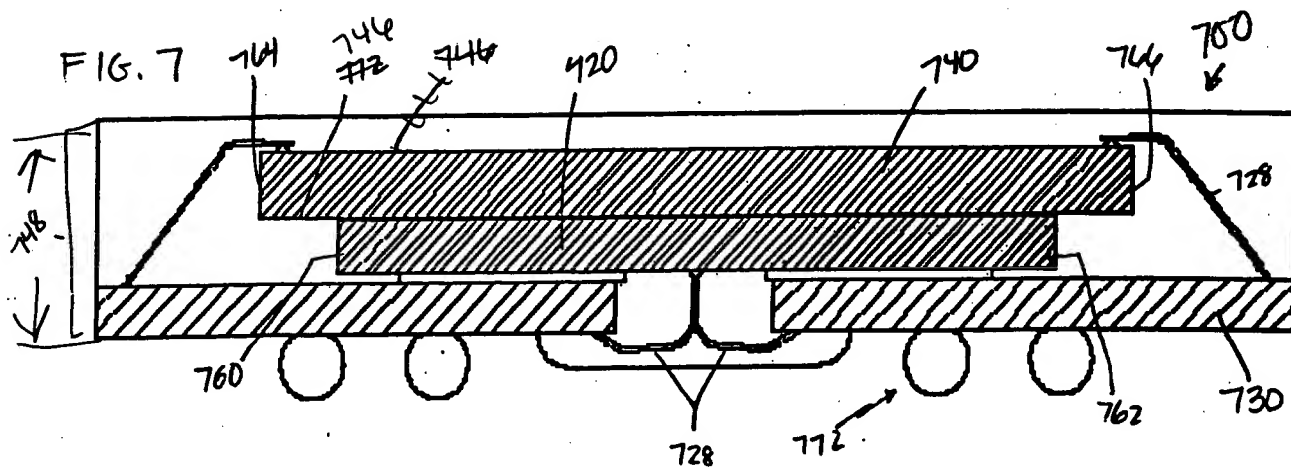


FIG. 8

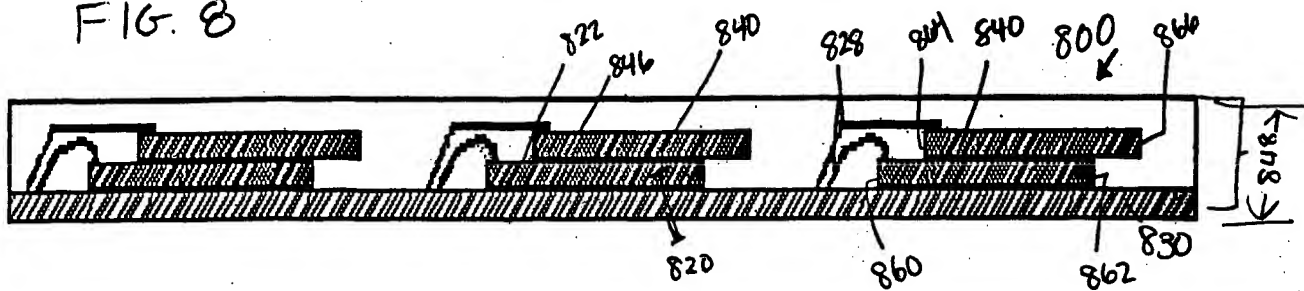


FIG. 11

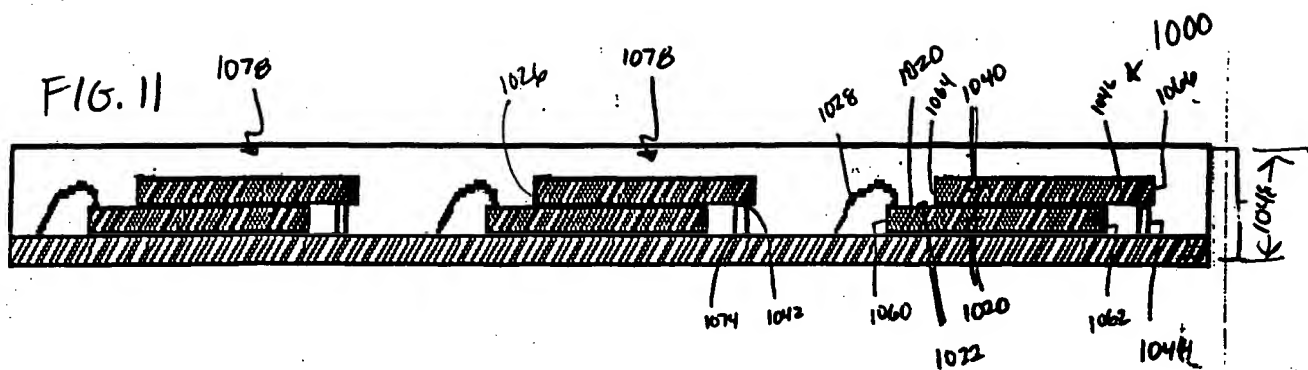


FIG. 13

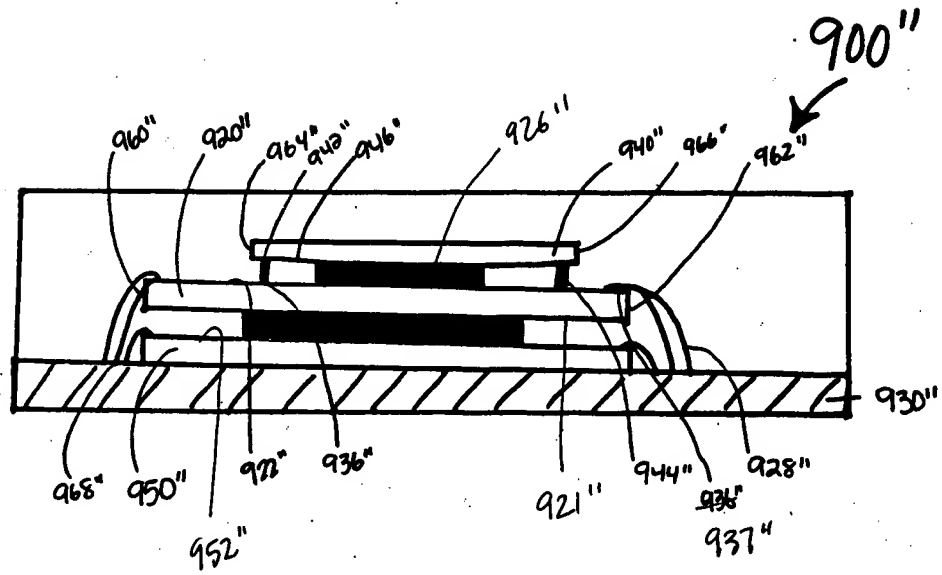


FIG. 14

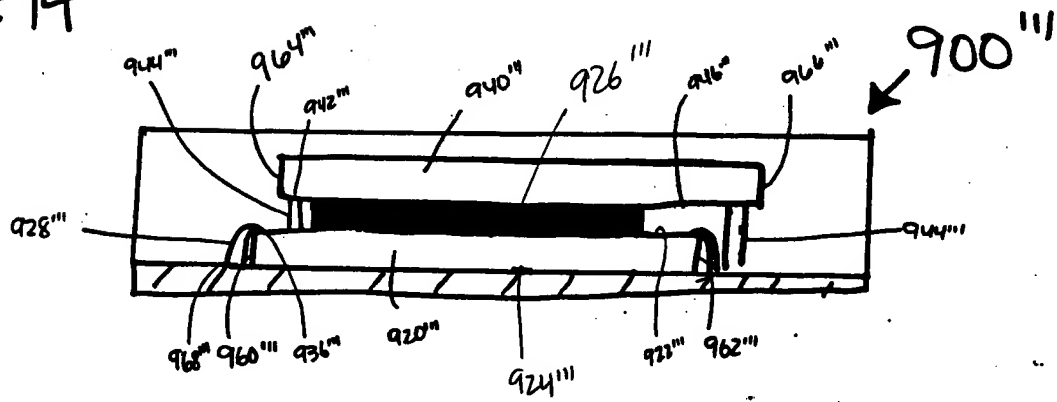
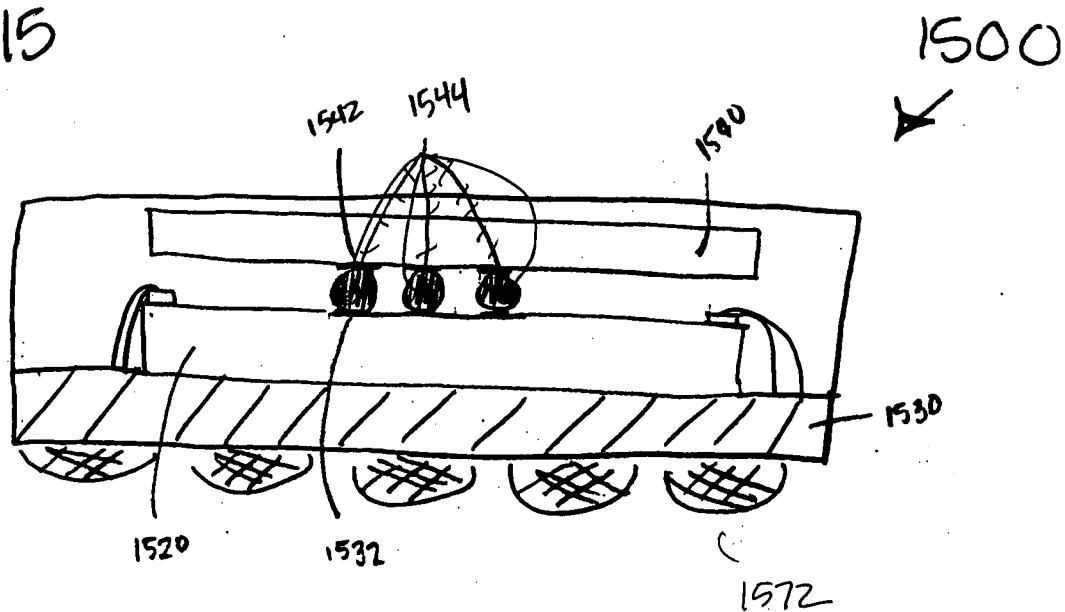


FIG. 15



1544 line extends to balls